

500,930

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

10/500930

(19) World Intellectual Property Organization
International Bureau(43) International Publication Date
31 July 2003 (31.07.2003)

PCT

(10) International Publication Number
WO 03/063443 A1(51) International Patent Classification⁷: H04L 29/06, H04Q 7/38

(74) Agent: INNOPAT LTD; P.O. Bcx 556, FIN-02151 Espoo (FI).

(21) International Application Number: PCT/FI03/00045

(81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(22) International Filing Date: 21 January 2003 (21.01.2003)

(84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

(25) Filing Language: English

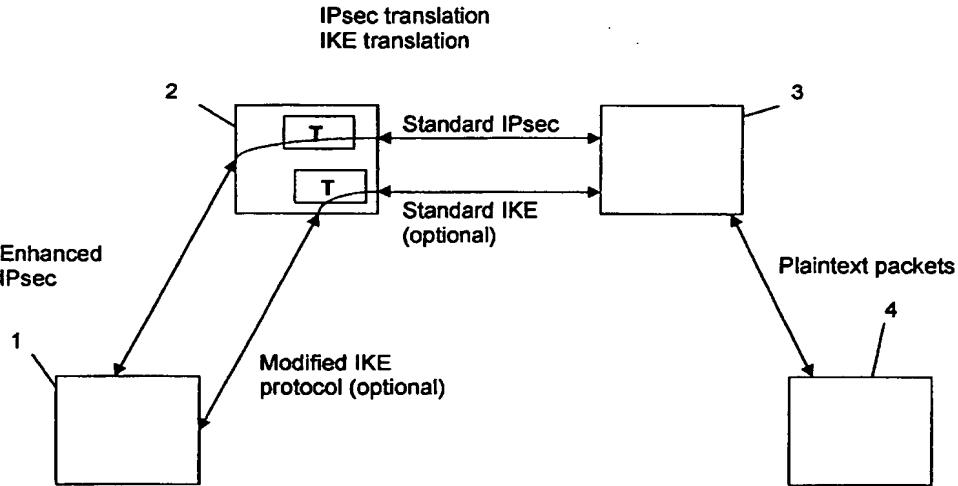
Published:

(26) Publication Language: English

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

[Continued on next page]

(54) Title: METHOD AND SYSTEM FOR SENDING A MESSAGE THROUGH A SECURE CONNECTION



WO 03/063443-A1

(57) **Abstract:** The method and system of the invention enable secure forwarding of a message from a first computer to a second computer via an intermediate computer in a telecommunication network. It is mainly characterized in that a message is formed in the first computer or in a computer that is served by the first computer, and in the latter case, sending the message to the first computer. In the first computer, a secure message is then formed by giving the message a unique identity and a destination address. The message is sent from the first computer to the intermediate computer, whereafter said destination address and the unique identity are used to find an address to the second computer. The current destination address is substituted with the found address to the second computer, and the unique identity is substituted with another unique identity. Then the message is forwarded to the second computer.